TRAINING TRANSFORMATION AND THE JOINT NATIONAL TRAINING CAPABILITY CONCEPT

COL Bryan Stephens, USA

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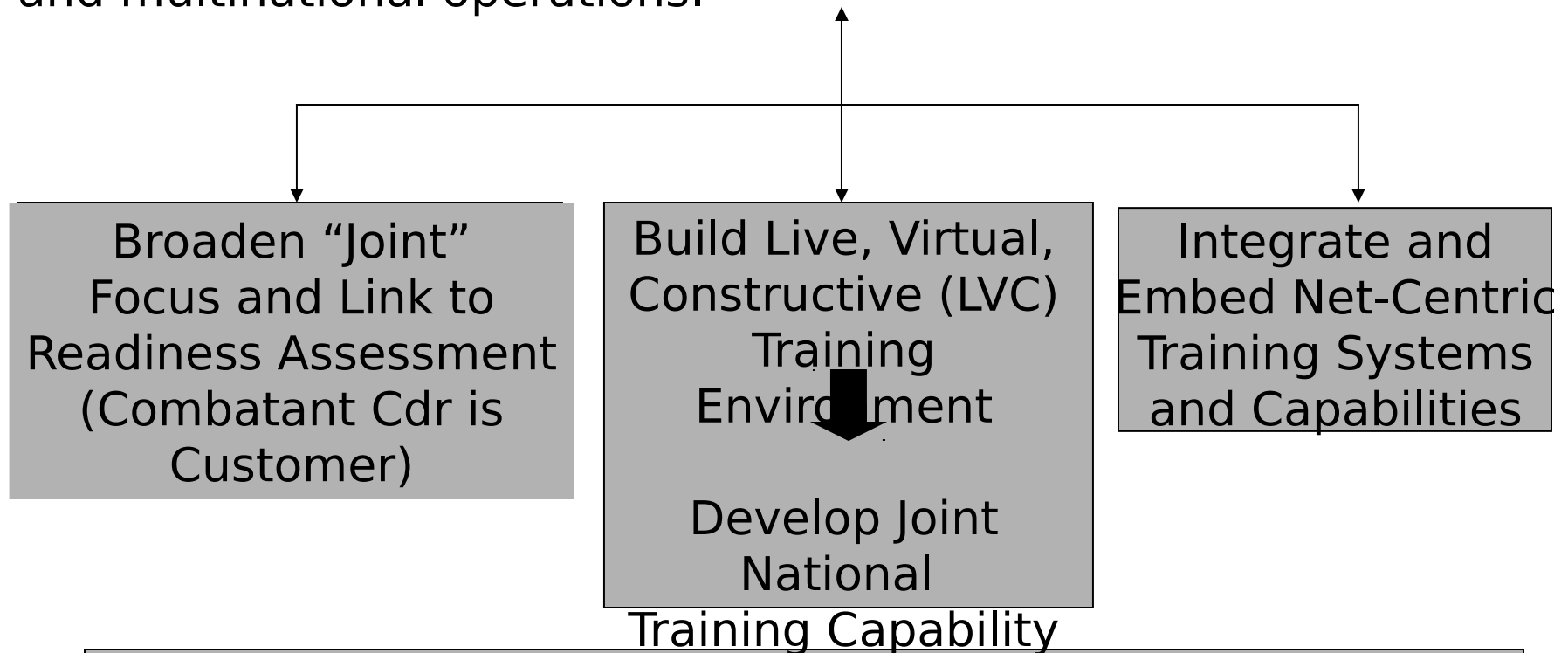
Purpose

To provide an overview of the Joint National Train
Capability (JNTC) concept, to include JNTC
Implementation, and impact on joint training.

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DPG FY04-09 Tasks

- Develop a Training Transformation Implementation Plan by April 2003
  - Leverage existing ranges and virtual planning
  - 25% of major training events must be joint by October 2005
- Establish a Training Transformation Investment Program of up to $1B for execution by USJFCOM
- Achieve JNTC initial operating capability no later than 1 October 2004
- Establish JNTC Joint Management Office that reports to USJFCOM

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Transforming Training Vision and Goals

Provide dynamic, capabilities-based training for the Department of Defense in support of national security requirements across the full spectrum of service, joint, interagency, intergovernmental, and multinational operations.

Broaden "Joint" Focus and Link to Readiness Assessment (Combatant Cdr is Customer)	Build Live, Virtual, Constructive (LVC) Training Environment — Develop Joint National Training Capability (JNTC)	Integrate and Embed Net-Centric Training Systems and Capabilities

Strategy Approved Mar 02 – Implementation Plan by Apr 03
JNTC Sooner Rather Than Later – IOC Oct 04 – first event May 0

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Training Transformation (T2) Management Initiative Decision (MID 906)

T2 provides a phased approach for systematica expanding joint warfighter "**capabilities**" in su of national security requirements across the ful Spectrum of joint, interagency, intergovernmer and multinational operations.
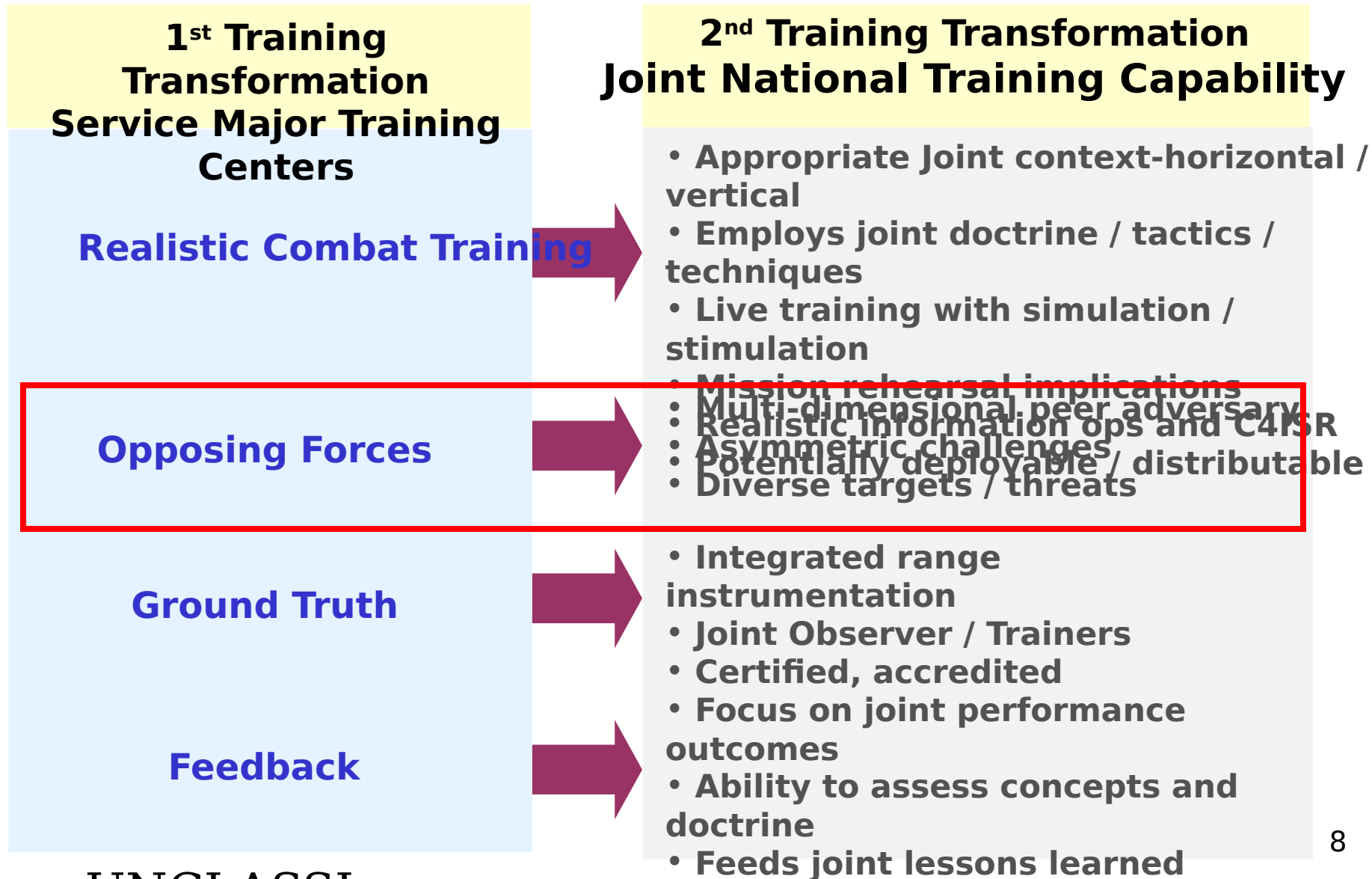
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"The centerpiece of our training transformation effort will be Joint National Training Capability"

Deputy Secretary of Defense
Paul Wolfowitz during testimony before the Senate Armed Services Committee
9 April 2002

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Joint National Training Capability Definition

The Joint National Training Capability (JNTC) is a cooperati collection of interoperable training sites, nodes, and even synthesizes Combatant Commander and Service training requirements with <u>appropriate</u> "joint context." Founded u the four pillars of (1) realistic combat training, (2) **<u>an ada</u> <u>and credible opposing force</u>**, (3) common ground truth (4) high quality feedback, the JNTC underpins a global, information age joint national training capability that adv Defense Department transformation efforts in include ena Multinational, interagency, and intergovernmental network-centric operations.

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Transforming Joint Training Built on Service Success

1st Training Transformation Service Major Training Centers	2nd Training Transformation Joint National Training Capability
Realistic Combat Training	• Appropriate Joint context-horizontal / vertical • Employs joint doctrine / tactics / techniques • Live training with simulation / stimulation • Mission rehearsal implications
Opposing Forces	• Multi-dimensional peer adversary • Realistic information ops and C4ISR • Asymmetric challenges • Potentially deployable / distributable • Diverse targets / threats
Ground Truth	• Integrated range instrumentation • Joint Observer / Trainers • Certified, accredited • Focus on joint performance outcomes
Feedback	• Ability to assess concepts and doctrine • Feeds joint lessons learned

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Why JNTC?

Strategic National

Strategic Theater

Unified Command

Operational

Joint Force Headquarters

Command & Joint Force Headquarters Tasks

Tactical

Component

Army Forces **Marines Forces** **Navy Forces** **Air Force Forces**

Service Tasks

Joint Force Land Component

Joint Force Air Component

Joint Force Maritime Component

Issue 1

Issue 2

JNTC can help to...

1. Close gaps & seams (Combatant Commander Title 10 vs. Service Title 10 responsibilities) at all levels of joint operations (i.e. joint command and control, intelligence, surveillance, reconnaissance, and other joint tasks)

2. Provide the capability to conduct coherent joint training across all levels with proper joint context

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Implementation

The Commander, US Joint Forces Command (JFCO
plans, implements, and executes JNTC activities.
JFCOM,in coordination with the Services, approves
execution of all JNTC funding, certifies JNTC sites a
systems, and supports and accredits all JNTC ever

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Accreditation and Certification

Event Accreditation

A validation that focuses on the elements of joint context required to execute and assess the joint tasks conducted in a particular training event

Facility and System Certification

A determination that supporting systems and infrastructure located at training sites meet standards for interoperability and functionality, in order to create joint training environments.

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OSD (P&R) JNTC Major Thrusts

1. <u>Improved Horizontal Training</u>: Build on existing Service interoperability training
2. <u>Improved Vertical Training</u>: Link component and joint command and staff planning and execution
3. <u>Integration Exercises</u>: Enhance existing joint exercises to address joint interoperability training in joint context
4. <u>Functional Training</u>: Provide dedicated joint training environment for functional warfighting and complex joint tasks (conduct further study)

Ref. DepSecDef Draft Memo

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Where We've Been:

- The Circle Trigon nation

- Organization based on Soviet units and tactics

- Also called Krasnovian tactics

- Quick fix through training aids (TASC) at all posts…not doctrinally inculcated in the structure

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Where We Are:

The Fighting Saints (VFC-13)

Arm y

Navy

Marine Corps

Red Flag

OPFOR target at 29 Palms!!!

Air Force

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18 Mar 2003

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The Future…

• **Need to bring all service equities to the training and to the fight, simultaneously**

• **Need to combine <u>live</u>, <u>virtual</u> and <u>constructive.</u>**

• **Need to combine range complexes on the West, the Gulf and the East Coasts.**

• **Need a comprehensive series of standardized country studies, data bases and enemy orders of battle.**
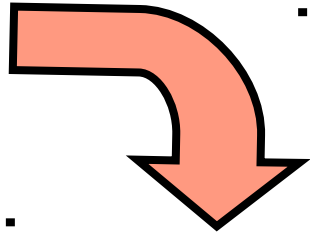
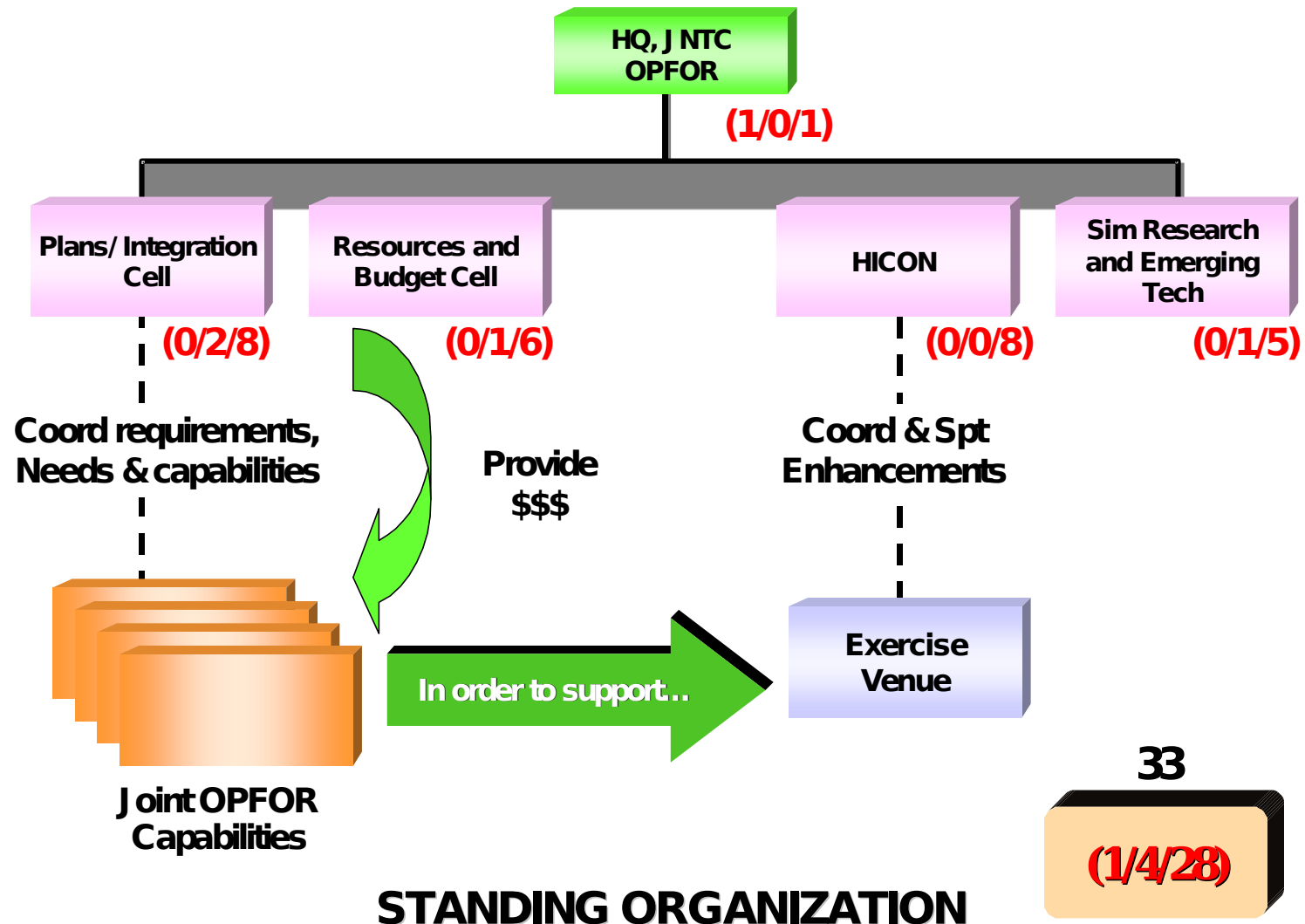• **Need for a coherent, flexible and standing JOINT OPFOR head-quarters directly follo** OEF

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The JNTC OPFOR

- Integrated Joint OPFOR is required
- Service and contracted OPFORs will be leveraged
- OPFOR HQ function is required in order to…

  ➢ **Provide rigor and enhancements**
  ➢ **Augment, not replace, service adversarial forces**
  ➢ **Emphasize planning, resourcing, exercise control and database maintenance.**
  ➢ **Rather than C2, the standing OPFOR's success is based upon integrating, coordinating and synchronizing.**

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JNTC OPFOR *(functional)* Org

HQ, JNTC OPFOR

(1/0/1)

Plans/Integration Cell

(0/2/8)

Resources and Budget Cell

(0/1/6)

HICON

(0/0/8)

Sim Research and Emerging Tech

(0/1/5)

Coord requirements, Needs & capabilities

Provide $$$

Coord & Spt Enhancements

Joint OPFOR Capabilities

In order to support…

Exercise Venue

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(1/4/28)

STANDING ORGANIZATION

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Planning Function

- Standard OPFOR planning, but with emphasis on adding elements to the 'joint context.'

Resourcing Function

- Primary functions are to:

  – Establish priorities for OPFOR needs

  – Fund/resource enhancements

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Higher 'Control' Function

- Enhancements will require focused liaison to ensure integration.

- Control is not as important as _coordination and integration._

Emerging Technology Functi

- Key function will be one of cataloging and acquiring access to emerging technology in simulations, replicators, concepts and equipment

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The JNTC OPFOR Products

- **Primary Products:**
  - To provide realistic threat representation across the <u>full spectrum of military operations</u>.
  - To integrate, distribute and manage simulated OPFOR in a distributed network.
  - Serve as the exercise focal point for stressing the Joint forces.
- **Measures of Success:**
  - OPFOR supports the full range of required situations forces are expected to face.
  - OPFOR systems are sufficient to support operational training requirements

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JNTC & Service Equities

JNTC Element		JNTC is...	JNTC is **NOT**
Joint Event Assessment	→	Joint DOTMLPF analysis of Joint tasks	Joint analysis/evaluation of Service specific tasks or unit performance
"Joint" OPFOR	→	"Joint" OPFOR planning, command & control (OPFOR HQ)	Standing "joint" OPFOR forces or joint ownership of Service OPFOR
Range certification & integration	→	Global network of interoperable, integrated & instrumented ranges	Joint or USJFCOM ownership of Services ranges
Joint requirements	→	Combatant Commander warfighting mission-based; developed w/Services	JFCOM derived joint training tasks or requirements
Joint context	→	Joint elements needed to thoroughly perform Joint tasks	Joint Commander or JTF HQ for all Joint training events

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Joint Training Today and Tomorrow

Today

- Insufficient focus on joint training requirements
- Joint training focused at Strategic and operational level
- Training ranges and equipment is Service specific
- Service level events lack resources to provide proper environment for joint task execution
- No coherent joint capabilities improvement process in place

Tomorrow

- An enabled coherent joint training strategy
- Focused down to the appropriate tactical level
- Linked ranges that can create multiple training environments to meet joint training requirements
- JNTC delivers joint context and appropriate resources to properly carry out joint tasks
- JNTC enables and orchestrates capability improvement strategies for joint warfighting gaps and

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JNTC End State

JNTC provides the environment that will:

1. Enable us to better exercise forces in Joint tasks
2. Measure joint force performance
3. Identify specific deficiencies that occur in the gaps and seams
4. Develop the DOTMLPF recommended solutions to achieve joint warfighting capability improvement over time

Enhance and sustain a culture of jointness

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FINAL THOUGHTS

- JNTC is a Reality!
- We must train as we intend to fight
- We need to establish a coherent Contemporary Operating Environment (COE)
- The key to success in all realistic combat training is an adaptive, credible OPFOR

  and

- Need your help…there is no fixed market on ideas
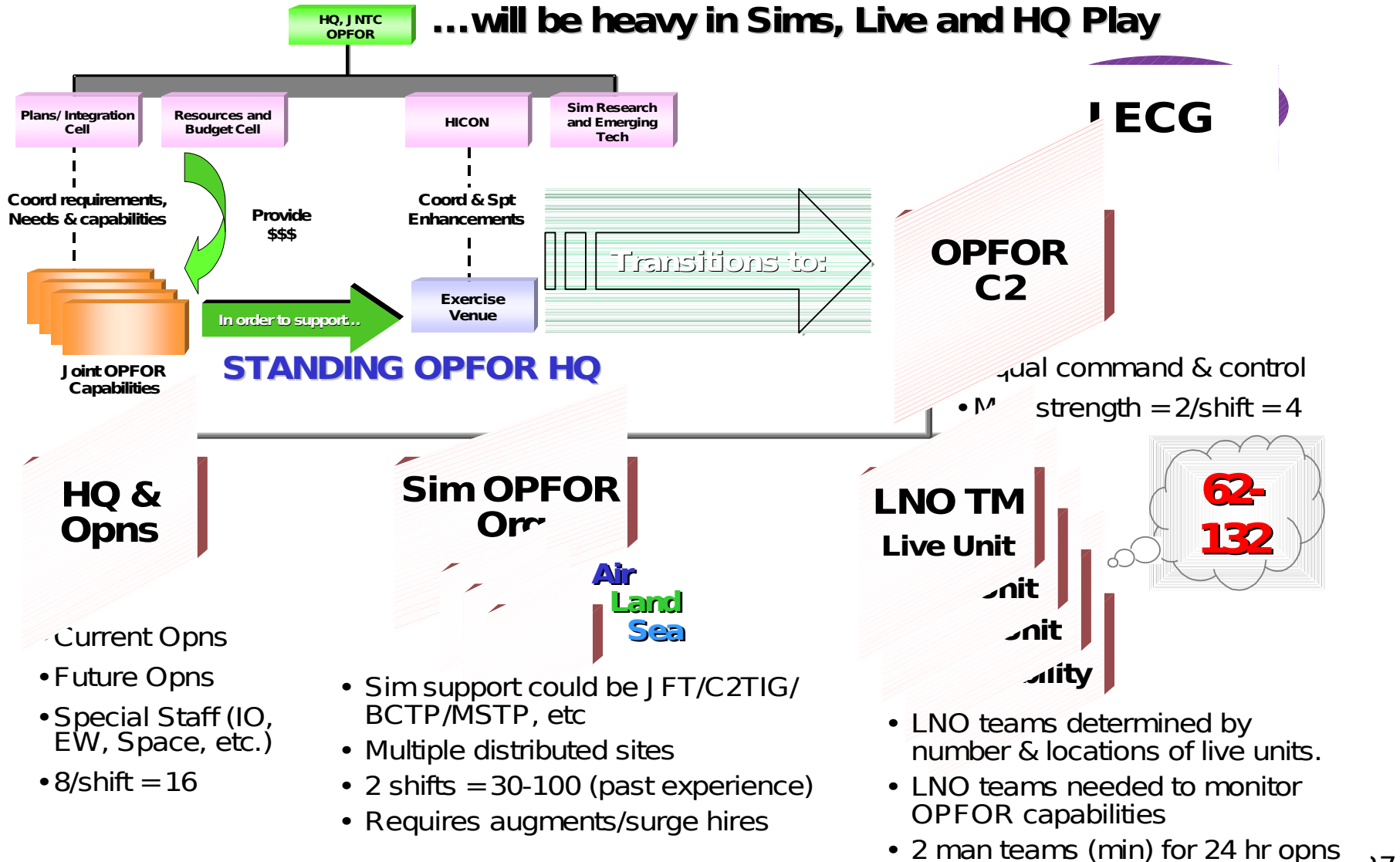
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Questions?

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Back-up Slides

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Expandable for Execution

HQ, JNTC OPFOR

…will be heavy in Sims, Live and HQ Play

Plans/Integration Cell

Resources and Budget Cell

HICON

Sim Research and Emerging Tech

ECG

Coord requirements, Needs & capabilities

Provide $$$

Coord & Spt Enhancements

Transitions to:

OPFOR C2

Exercise Venue

In order to support…

Joint OPFOR Capabilities

STANDING OPFOR HQ

qual command & control

• M   strength = 2/shift = 4

HQ & Opns

• Current Opns
• Future Opns
• Special Staff (IO, EW, Space, etc.)
• 8/shift = 16

Sim OPFOR Org

Air
Land
Sea

• Sim support could be JFT/C2TIG/ BCTP/MSTP, etc
• Multiple distributed sites
• 2 shifts = 30-100 (past experience)
• Requires augments/surge hires

LNO TM

Live Unit

  nit

  nit

  lity

62-132

• LNO teams determined by number & locations of live units.
• LNO teams needed to monitor OPFOR capabilities
• 2 man teams (min) for 24 hr opns

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JNTC Event Development
A process for first-run JNTC events

Technical Event

Bridging Event

Culminating Eve

-Validate and test technical architectures

-Determine technical issues and shortfalls

-Includes modeling & simulation

- Requires no live forces

-Prepare sites/events for certification/accreditation

-Leverage existing exercises/training activities

-Includes rehearsal/test of operational and technical architectures

-Requires no live forces; may require HICON elements

-Conduct and/or complete accreditation and certification

-Thorough execution and assessment of joint objectives using proper joint context

-All required live/constructive/virtual forces participate

-Joint warfighting issues identified

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POSSIBLE COA
For First Thrust 1 Event

3RD Q 03	4TH Q 03	1ST Q 04	2ND Q 04
Apr May Jun	Jul Aug Sep	Oct Nov Dec	Jan Feb Mar

Technical Events

Bridging Event

Culminating Event

← Western Thrust 1 Series →
(NTC, CAX, Air Warrior, etc)

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